OPTIMIZATION OF AN OBJECTIVE MEASURE FOR ESTIMATING MEAN OPINION SCORE OF SYNTHESIZED SPEECH

ABSTRACT OF THE DISCLOSURE

A method is provided for optimizing an objective measure used to estimate mean opinion score or naturalness of synthesized speech from a speech synthesizer. The method includes using an objective measure that has components derived directly from textual information used to form synthesized utterances. The objective measure has a high correlation with mean opinion score such that a relationship can be formed between the objective measure and corresponding mean opinion score. The objective measure is altered to provide a different function of textual information derived from the utterances so as to improve the relationship between the scores of the objective measure and subjective ratings of the synthesized utterances.